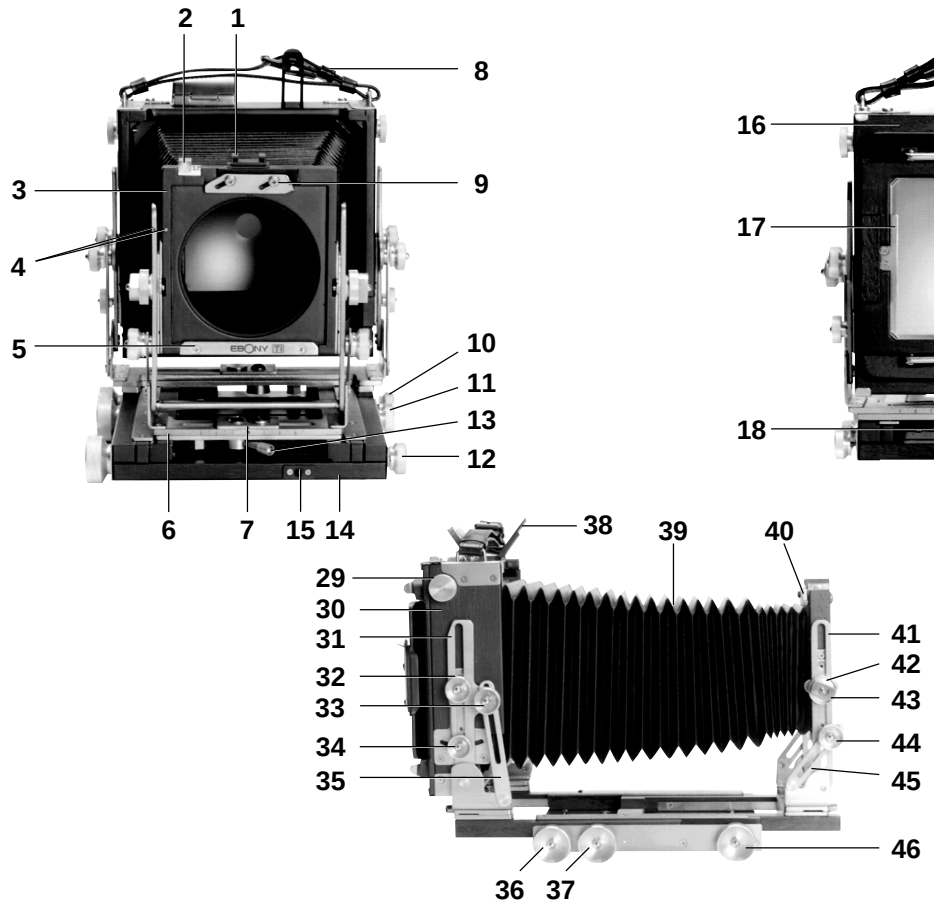
EBONY SV45

USER'S GUIDE



- The lowest position of the rear standard is zero position.

PART NAMES

1 Accessory shoe	23 Focusing frame
2 Spirit level	24 Focusing screen
3 Front standard	25 Sliding latch for focusing hood
4 Alignment points indicating front rise/fall zero position	26 Alignment points indicating rear shift zero position
5 Lensboard slot	27 Shift scale
6 Shift scale	28 Tripod mounting plate
7 Alignment points indicating front shift zero position	29 Bellows release knob
8 Hand strap	30 Rear standard
9 Sliding latch for lensboard	31 Rear rise arm
10 Rear focusing lock knob	32 Rear rise knob
11 Front focusing lock knob	33 Rear base tilts knob
12 Front focusing lock knob	34 Rear center tilts knob
13 Front shift/swing locking lever (shown in locked position)	35 Rear base tilts arm
14 Camera Bed	36 Rear focusing knob
15 Latch pin	37 Front focusing knob
16 Film holder back	38 Latch to secure folded camera
17 Spring tab for focusing screen	39 Bellows
18 Rear shift/swing locking lever (shown in locked position)	40 Sliding latch for bellows release
19 Two-way spirit level with mirror	41 Front rise/fall arm
20 Sliding latch for removable back	42 Front rise/fall knob
21 Focusing frame release lever	43 Front center tilts knob
22 Sliding latch for roll film holder	44 Front base tilts knob
	45 Front base tilts arm
	46 Front focusing knob

How to adjust the movements:

(In all cases adjustments refer to both the knob indicated and the corresponding knob on the other side of the camera)

(a) Rise/Fall
- Front: Loosen knob 42, and while holding it raise or lower front standard.
- Rear: Loosen knob 32, and while holding it raise or lower rear standard.

(b) Center Tilts
- Front: Loosen knob 43, and holding lower part of front standard, push forward or pull back.
- Rear: Loosen knob 34, and holding lower part of rear standard, push forward or pull back.

(c) Base Tilts
- Front: Loosen knob 44, then release from notch in front base tilts arm (45).
- Rear: Loosen knob 33, then release from notch in rear base tilts arm (35).

(d) Shift/Swing
- Front: Unlock front locking lever (13), then swing or push front standard to the left or right.
- Rear: Unlock rear locking lever (18), then swing or push rear standard to the left or right.

Points to remember:

1) After making each adjustment, be sure to retighten the knobs or lever. If two pairs of knobs are loose at the same time, particularly 33 and 34, the camera becomes difficult to handle.

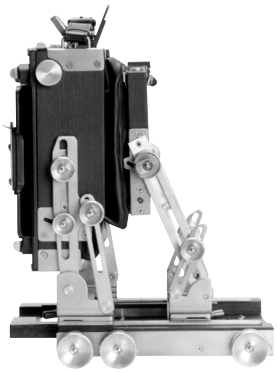
2) Loosen lock knobs 11 and 12 before making front focusing adjustments, and lock knob 10 before making rear adjustments. Tighten again afterwards.

- To install/remove focusing frame (23), pull focusing frame release lever (21).

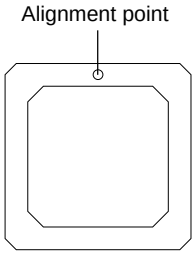
47mm-75mm lenses:

Various wide-angle combinations are possible using base tilts, center tilts and rise.

Please see
http://www.ebonycamera.com/cam/wa.lenses.SV.html
for more information about using wide-angle lenses with Ebony SV45 cameras.



- **Wide-angle lenses may be used without bed drop**



- When using lenses wider than 90mm, universal or wide-angle bellows are necessary.
  To install bellows, place rear in rear standard first and secure with bellows release knob (29), then place front in front standard, and secure with sliding latch (40). To remove bellows, reverse this procedure and start with the front. To ensure that the bellows are the right way up, check that the alignment point is at the top.

- **For maximum extension of standard or universal bellows use rise, base tilts and center tilts at front and back.**

OPENING AND CLOSING SV45 CAMERAS

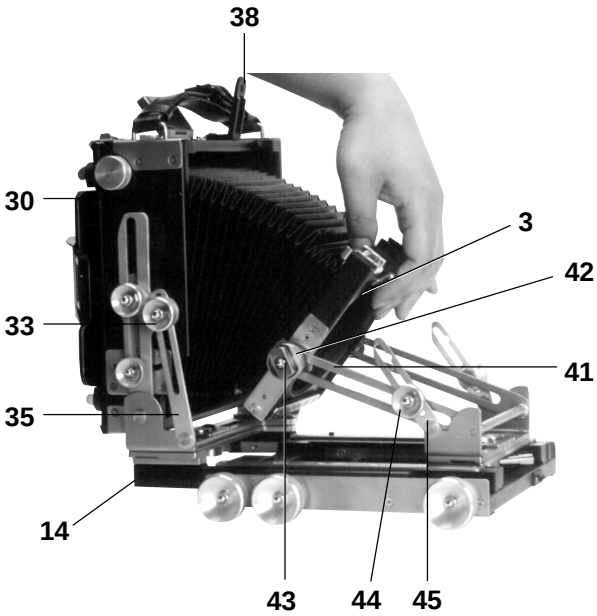
Please follow these instructions to avoid damaging the bellows.
The procedure is easier if the camera is placed on a tripod.

To open:

1) Lock rear shift/swing locking lever (18).
2) Squeeze camera and release latch (38) from pin.
3) Pull up rear standard (30) until vertical. Rear base tilts knobs (33) should enter notches in rear base tilts arms (35). Tighten rear base tilts knobs (33).
4) Pull up front standard (3) with front rise/fall knobs (42) until it reaches maximum rise.
5) Lower front standard (3) until point on right front rise/fall arm (41) and point on right of front standard are aligned (rise/fall zero position).
6) Tighten front rise/fall knobs (42). Front base tilts knobs (44) should enter notches in front base arms (45). Tighten front base tilts knobs (44).

To close:

1) Ensure that all movements are returned to zero position, and front center tilts knobs (43) are tightened.
2) Loosen front base tilts knobs (44), then front rise/fall knobs (42).
3) Pull front standard (3) up to maximum rise with front rise/fall knobs (42).
4) Pull front standard (3) backwards using front rise/fall knobs (42). While doing this ensure that front standard remains at maximum rise. It will tilt towards the camera bed (14) as it compresses the bellows (39).
5) Push front standard (3) down until it almost touches camera bed (14). Front base tilts arms (45) should rest comfortably between front rise/fall arms (41) and front rise/fall knobs (42).
6) Loosen rear base tilts knobs (33). Free them from notches in rear base tilts arms (35). Push camera body down into closed position.
7) Squeeze camera shut and secure latch (38) to pin.
8) Unlock rear shift/swing locking lever (18).



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